

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

C Number: C20310C
Lock Date: 12/01/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Female
TDMSE Version: 2.1.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1
<hr/>																									
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle 6 mo F	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
ANIMAL ID	7	1	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	7	8	8	9
	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9

females
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adventitia, Foreign Body	X																							
Adventitia, Necrosis	2																							
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																								
Tension Lipidosis	1																							
Vacuolization Cytoplasmic																								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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Lab: NCTR

C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE Vehicle 6 mo F	ANIMAL ID	DAY ON TEST																								females (cont...)		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2			
		5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6			
.....																												
.....		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
.....		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
.....		1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
.....		7	1	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	7	8	8	8	9	
.....		3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9		

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiomyopathy
Pericardium, Inflammation, Chronic

3

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	
Accessory Adrenal Cortical Nodule																											
Vacuolization Cytoplasmic																											
Subcapsular, Hyperplasia																											

Adrenal Medulla

+

Islets, Pancreatic

+

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	3
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6

C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle 6 mo F	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
ANIMAL ID	7	1	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	8	8	9
	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3

females
(cont...)

Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																								

	1																							
--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																							
Infiltration Cellular, Lymphocyte																							

	2																						
--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

2

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Hyperplasia, Cystic																							
Lumen, Dilatation																							

	2																						
--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

2

1

Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	3	3	3	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle 6 mo F	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	7	1	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	8	8	9
	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3

**females
(cont...)****HEMATOPOIETIC SYSTEM**Bone Marrow
Myeloid Cell, Hyperplasia

+ +

3

2

3

Lymph Node
Mediastinal, Hyperplasia, Lymphoid
Mediastinal, Infiltration Cellular, Plasma
Cell

+

4

4

4

4

Lymph Node, Mandibular
Hyperplasia, Lymphoid

+ +

1

2

1

Lymph Node, Mesenteric
Hyperplasia, Lymphoid

+ +

1

2

1

2

Spleen
Depletion Lymphoid
Hematopoietic Cell Proliferation

+ +

3

4

4

3

Thymus
Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell
Necrosis
Adventitia, Inflammation, Chronic
Epithelial Cell, Hyperplasia

+ +

2

3

3

3

3

4

1

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 |
| | 5 | 0 | 0 | 8 | 6 | 4 | 1 | 0 | 0 | 9 | 8 | 8 | 6 | 5 | 5 | 9 | 0 | 1 | 0 | 0 | 9 | 9 | 6 | 6 | 6 | 1 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| Vehicle 6 mo F | 7 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | |
| | 3 | 4 | 5 | 6 | 7 | 2 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 6 | 8 | 4 | 5 | 6 | 1 | 2 | 3 | 9 | females
(cont...) | |

INTEGUMENTARY SYSTEM

Mammary Gland

M + + + + + + + + + + + + M + + + + + + + + + + + +

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ +

Skeletal Muscle

+ +

NERVOUS SYSTEM

Brain, Brain Stem

+ +

Brain, Cerebellum

+ +

Brain, Cerebrum
Cyst Epithelial Inclusion

+ X

RESPIRATORY SYSTEM

Lung +

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| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
Vehicle 6 mo F | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | | | |
| | | 5 | 0 | 0 | 8 | 6 | 4 | 1 | 0 | 0 | 9 | 8 | 8 | 6 | 5 | 5 | 9 | 0 | 1 | 0 | 0 | 9 | 9 | 6 | 6 | | |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinum, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 2 | 1 | |
| | 0 | 3 | |
| | 6 | 9 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 4 | 4 | |
| Vehicle 6 mo F | 4 | 6 | |
| | 3 | 4 | |
| | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | |
|------------------------------|---|---|----|-------|
| Esophagus | + | A | 23 | |
| Adventitia, Foreign Body | | | | 1 |
| Adventitia, Necrosis | | | | 1 2.0 |
| | | | | |
| Gallbladder | + | A | 24 | |
| | | | | |
| Intestine Large, Cecum | + | A | 26 | |
| | | | | |
| Intestine Large, Colon | + | A | 26 | |
| | | | | |
| Intestine Large, Rectum | + | A | 26 | |
| | | | | |
| Intestine Small, Duodenum | + | A | 26 | |
| | | | | |
| Intestine Small, Ileum | + | A | 26 | |
| | | | | |
| Intestine Small, Jejunum | + | A | 26 | |
| | | | | |
| Liver | + | A | 26 | |
| Inflammation, Chronic Active | | | | 3 1.0 |
| Tension Lipidosis | | | | 1 1.0 |
| Vacuolization Cytoplasmic | | | | 1 1.0 |
| | | | | |
| Pancreas | + | A | 26 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 2 | 1 | |
| | 0 | 3 | |
| | 6 | 9 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 4 | 4 | |
| Vehicle 6 mo F | 4 | 6 | |
| | 3 | 4 | |
| | | | * TOTALS |

| | | | |
|-----------------------------------|-----|----|--------|
| Salivary Glands | + A | 26 | |
| Infiltration Cellular, Lymphocyte | | | 14 1.1 |
| Stomach, Forestomach | + A | 26 | |
| Stomach, Glandular | + A | 26 | |

CARDIOVASCULAR SYSTEM

| | | | |
|------------------------------------|-----|----|-------|
| Blood Vessel | + A | 26 | |
| Heart | + A | 26 | |
| Cardiomyopathy | | | 1 1.0 |
| Pericardium, Inflammation, Chronic | | | 1 3.0 |

ENDOCRINE SYSTEM

| | | | |
|-----------------------------------|-----|----|--------|
| Adrenal Cortex | + A | 26 | |
| Accessory Adrenal Cortical Nodule | | | 1 |
| Vacuolization Cytoplasmic | | | 2 2.0 |
| Subcapsular, Hyperplasia | | | 23 1.0 |
| Adrenal Medulla | + A | 26 | |
| Islets, Pancreatic | + A | 26 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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3'-Azido-3'-deoxythymidine (AIDS)
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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|----------|
| | 2 | 1 | |
| | 0 | 3 | |
| | 6 | 9 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | |
| | 0 | 0 | |
| | 4 | 4 | |
| | 4 | 6 | |
| Vehicle 6 mo F | 3 | 4 | |
| | | | * TOTALS |

| | | | |
|--|-----|----|----------------|
| Parathyroid Gland
Infiltration Cellular, Lymphocyte | M A | 22 | 1 1.0 |
| Pituitary Gland | + A | 26 | |
| Thyroid Gland
Cyst
Infiltration Cellular, Lymphocyte | + A | 26 | 1 2.0
1 2.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | |
|---|-----|----|----------------|
| Clitoral Gland | + A | 24 | |
| Ovary | + A | 26 | |
| Uterus
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + A | 26 | 1 2.0
2 1.5 |
| Vagina | + + | 27 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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TDMS No. 20310 - 01
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Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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CAS Number: 30516-87-1

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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 2 | 1 | |
| | 0 | 3 | |
| | 6 | 9 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 4 | 4 | |
| Vehicle 6 mo F | 4 | 6 | |
| | 3 | 4 | |
| | | | * TOTALS |

HEMATOPOIETIC SYSTEM

| | | | | |
|---|---|---|----|-------|
| Bone Marrow | + | A | 26 | |
| Myeloid Cell, Hyperplasia | | | | 3 2.7 |
| | | | | |
| Lymph Node | + | | 3 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | 2 4.0 |
| Mediastinal, Infiltration Cellular, Plasma Cell | | | | 1 4.0 |
| | | | | |
| Lymph Node, Mandibular | + | A | 26 | |
| Hyperplasia, Lymphoid | | | | 3 1.3 |
| | | | | |
| Lymph Node, Mesenteric | + | A | 24 | |
| Hyperplasia, Lymphoid | | | | 7 1.6 |
| | | | | |
| Spleen | + | A | 26 | |
| Depletion Lymphoid | | | | 1 3.0 |
| Hematopoietic Cell Proliferation | | | | 3 3.7 |
| | | | | |
| Thymus | + | A | 26 | |
| Hyperplasia, Lymphoid | | | | 3 2.3 |
| Hyperplasia, Plasma Cell | | | | 1 3.0 |
| Necrosis | | | | 1 3.0 |
| Adventitia, Inflammation, Chronic | | | | 1 4.0 |
| Epithelial Cell, Hyperplasia | | | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20310 - 01
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Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 2 | 1 | |
| | 0 | 3 | |
| | 6 | 9 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 4 | 4 | |
| Vehicle 6 mo F | 4 | 6 | |
| | 3 | 4 | * TOTALS |

INTEGUMENTARY SYSTEM

| | | | |
|---------------|---|---|----|
| Mammary Gland | + | A | 24 |
| Skin | + | A | 26 |

MUSCULOSKELETAL SYSTEM

| | | | |
|-----------------|---|---|----|
| Bone, Femur | + | + | 27 |
| Skeletal Muscle | + | + | 27 |

NERVOUS SYSTEM

| | | | |
|--|---|---|----|
| Brain, Brain Stem | + | A | 26 |
| Brain, Cerebellum | + | A | 26 |
| Brain, Cerebrum
Cyst Epithelial Inclusion | + | A | 26 |
| | | | 1 |

RESPIRATORY SYSTEM

| | | | |
|------|---|---|----|
| Lung | + | A | 26 |
|------|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|-----------------|
| | 2 | 1 | |
| | 0 | 3 | |
| | 6 | 9 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | |
| | 0 | 0 | |
| | 4 | 4 | |
| | 4 | 6 | |
| Vehicle 6 mo F | 3 | 4 | |
| | | | * TOTALS |

| | | |
|-----------------------------------|---|-----|
| Abscess | 2 | 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1.0 |
| Mediastinum, Necrosis | 1 | 4.0 |

| | | | |
|---------|---|---|----|
| Nose | + | A | 26 |
| Trachea | + | A | 26 |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------------------------|---|---|-------|
| Eye | + | A | 26 |
| Harderian Gland | + | A | 26 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |

URINARY SYSTEM

| | | | |
|-----------------------------------|---|---|-------|
| Kidney | + | A | 26 |
| Infiltration Cellular, Lymphocyte | | | 8 1.1 |
| Inflammation, Chronic Active | | | 1 1.0 |
| Urinary Bladder | + | A | 26 |
| Infiltration Cellular, Lymphocyte | | | 3 1.0 |

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+ .. Tissue examined microscopically

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l .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Date Report Requested: 06/29/2009

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First Dose M/F: NA / 11/18/04

Lab: NCTR

| | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| | DAY ON TEST | 0
2
2
2
7 | 0
2
2
3
9 | 0
2
2
3
9 | 0
2
2
2
9 | 0
2
2
2
8 | 0
2
2
2
7 | 0
2
2
2
5 | 0
2
2
3
0 | 0
2
2
2
7 | 0
2
2
2
7 | 0
2
2
2
1 | 0
2
2
2
0 | 0
2
2
2
8 | 0
2
2
2
8 | 0
2
2
2
9 | 0
2
2
2
9 | 0
2
2
2
9 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0
0
2
2 | |
| MICE FEMALE | | | | | | | | | | | | | | | | | | |
| AZT 120 6 mo F | ANIMAL ID | 2
2
1 | 2
2
4 | 2
2
5 | 2
2
8 | 2
2
9 | 2
2
9 | 2
2
7 | 2
2
8 | 2
2
9 | 2
2
9 | 2
2
7 | 2
2
6 | 2
2
7 | 2
2
7 | 2
2
7 | 2
2
8 | 2
2
8 |
| | | | | | | | | | | | | | | | | | | females
(cont...) |

ALIMENTARY SYSTEM

Esophagus

+ + + M +

Gallbladder

+ + + + + + + + + + + + + + M + + + + + + + + + +

Intestine Large, Cecum
Hyperplasia, Lymphoid

+ 2 2

Intestine Large, Colon

+ +

Intestine Large, Rectum

+ +

Intestine Small, Duodenum

+ +

Intestine Small, Ileum

+ +

Intestine Small, Jejunum

+ +

Liver

+ +

Infiltration Cellular, Lymphocyte

2

Inflammation, Chronic Active

1 1

Tension Lipidosis

2 1

Vacuolization Cytoplasmic

Pancreas

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

M .. Missing tissue

x .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

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TDMS No. 20310 - 01

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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 9 | 6 | 1 | 1 | 0 | 9 | 9 | 8 | 8 | 7 | 5 | 0 | 0 | 7 | 7 | 1 | 0 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT 120 6 mo F | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |
| 1 | 4 | 5 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 0 | 4 | 7 | 6 | 7 | 1 | 2 | 7 | 8 | 7 | 8 | 0 | 2 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

females
(cont...)

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pericardium, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pericardium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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x .. Lesion present

l .. Insufficient tissue

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2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 9 | 6 | 1 | 1 | 0 | 9 | 9 | 8 | 8 | 7 | 5 | 0 | 0 | 7 | 7 | 1 | 0 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| AZT 120 6 mo F | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 9 | 3 | 3 | 4 |
| 1 | 4 | 5 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 0 | 4 | 7 | 6 | 7 | 1 | 2 | 7 | 8 | 7 | 8 | 0 | 2 | females
(cont...) | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | M | + | + | M | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thyroid Gland
Infiltration Cellular, Lymphocyte | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM

| | |
|------------|---|
| Tissue NOS | + |
| Abscess | 4 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 9 | 6 | 1 | 1 | 0 | 9 | 9 | 8 | 8 | 7 | 5 | 0 | 0 | 7 | 7 | 1 | 0 | 8 | 8 | 9 | 9 | 9 | 9 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT 120 6 mo F | | | | | | | | | | | | | | | | | | | | | | | | | |
| females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | |
|---|---|
| Bone Marrow
Myeloid Cell, Hyperplasia | + |
| | 2 4 |
| Lymph Node | + |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + + + + + M + |
| | 2 1 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + + + + + + + + M + |
| | 1 1 1 2 1 2 1 2 2 2 2 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + + + + + + + + + + M + |
| | 3 4 3 4 |
| Thymus
Hyperplasia, Lymphoid | + |
| | 2 |

INTEGUMENTARY SYSTEM

| | |
|---------------|---|
| Mammary Gland | + + M + + + + + + M + |
| Skin | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| MICE FEMALE | 7 | 9 | 6 | 1 | 1 | 0 | 9 | 9 | 8 | 8 | 7 | 5 | 0 | 0 | 7 | 7 | 1 | 0 | 8 | 8 | 9 | 9 | 9 | 9 | 9 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT 120 6 mo F | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| | 1 | 4 | 5 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 0 | 4 | 7 | 6 | 7 | 1 | 2 | 7 | 8 | 7 | 8 | 0 | 2 |

females
(cont...)

MUSCULOSKELETAL SYSTEM

Bone, Femur +

Skeletal Muscle +

NERVOUS SYSTEM

Brain, Brain Stem +

Brain, Cerebellum +

Brain, Cerebrum +

RESPIRATORY SYSTEM

Lung +

2

Inflammation, Chronic Active

Mediastinum, Inflammation, Chronic Active

Mediastinum, Mineralization

Nose +

2

4

Trachea +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

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Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 9 | 6 | 1 | 1 | 0 | 9 | 9 | 9 | 8 | 8 | 7 | 5 | 0 | 0 | 7 | 7 | 1 | 0 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |
| ANIMAL ID
AZT 120 6 mo F | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 9 | 3 | 3 | 4 | 0 | 0 | 0 | 0 |
| | 1 | 4 | 5 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 0 | 4 | 7 | 6 | 7 | 1 | 2 | 7 | 8 | 7 | 8 | 0 | 2 | 0 | 0 | 0 | 0 |

**females
(cont...)**

SPECIAL SENSES SYSTEM

Eye

+ +

Harderian Gland

+ +

URINARY SYSTEM

Kidney

Infiltration Cellular, Lymphocyte

+ +

1

1

1

Urinary Bladder

Infiltration Cellular, Lymphocyte

+ +

1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | | |
|--|-------------|-----------------------|----------|
| | DAY ON TEST | 0
2
2
9 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
5
0
3 | |
| AZT 120 6 mo F | | | * TOTALS |

ALIMENTARY SYSTEM

| | | |
|--|---|--|
| Esophagus | + | 25 |
| Gallbladder | + | 25 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 26 2 2.0 |
| Intestine Large, Colon | + | 26 |
| Intestine Large, Rectum | + | 26 |
| Intestine Small, Duodenum | + | 26 |
| Intestine Small, Ileum | + | 26 |
| Intestine Small, Jejunum | + | 26 |
| Liver
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Tension Lipidosis
Vacuolization Cytoplasmic | + | 26 1 2.0
2 1.0
3 2.0
1 1.0 |
| Pancreas | + | 26 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

! .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | | |
|------------------------------------|---|-----------------|
| 0 | | |
| 2 | | |
| 2 | | |
| 9 | | |
| | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | |
| MICE FEMALE | 0 | |
| | 5 | |
| | 0 | |
| AZT 120 6 mo F | 3 | |
| | | * TOTALS |
| Infiltration Cellular, Lymphocyte | | 1 1.0 |
| Inflammation, Chronic Active | | 1 1.0 |
| | | |
| Salivary Glands | + | 26 |
| Infiltration Cellular, Lymphocyte | | 7 1.1 |
| | | |
| Stomach, Forestomach | + | 26 |
| | | |
| Stomach, Glandular | + | 26 |

CARDIOVASCULAR SYSTEM

| | | |
|---|---|-------|
| Blood Vessel | + | 25 |
| Heart | + | 26 |
| Pericardium, Inflammation, Chronic Active | | 1 2.0 |
| Pericardium, Mineralization | | 1 3.0 |

ENDOCRINE SYSTEM

| | | |
|-----------------------------------|---|--------|
| Adrenal Cortex | + | 26 |
| Accessory Adrenal Cortical Nodule | | 1 |
| Subcapsular, Hyperplasia | | 24 1.0 |
| | | |
| Adrenal Medulla | + | 26 |
| | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | | |
|--|---|-----------------|
| 0 | | |
| 2 | | |
| 2 | | |
| 9 | | |
| | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | |
| MICE FEMALE | 0 | |
| | 5 | |
| ANIMAL ID | 0 | |
| AZT 120 6 mo F | 3 | |
| | | * TOTALS |
| Islets, Pancreatic | + | 26 |
| Parathyroid Gland | + | 21 |
| Pituitary Gland | + | 26 |
| Thyroid Gland
Infiltration Cellular, Lymphocyte | + | 25 |
| | | 1 1.0 |

GENERAL BODY SYSTEM

| | | |
|------------|--|-------|
| Tissue NOS | | 1 |
| Abscess | | 1 4.0 |

GENITAL SYSTEM

| | | |
|---|---|-------|
| Clitoral Gland | + | 25 |
| Ovary
Cyst | + | 26 |
| Uterus
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + | 26 |
| | | 1 1.0 |
| | | 2 1.5 |
| Vagina | + | 26 |

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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3'-Azido-3'-deoxythymidine (AIDS)
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Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | | |
|--|-------------|-----------------------|----------|
| | DAY ON TEST | 0
2
2
9 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
5
0
3 | |
| AZT 120 6 mo F | | | * TOTALS |

HEMATOPOIETIC SYSTEM

| | | |
|---|---|----------------------|
| Bone Marrow
Myeloid Cell, Hyperplasia | + | 26
2 3.0 |
| Lymph Node | | 1 |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | 25
2 1.5 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | 25
11 1.4 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | 26
2 3.5
2 3.5 |
| Thymus
Hyperplasia, Lymphoid | + | 26
2 2.0 |

INTEGUMENTARY SYSTEM

| | | |
|---------------|---|----|
| Mammary Gland | + | 24 |
| Skin | + | 26 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | |
|--|------------------|----------|
| DAY ON TEST | 0
2
2
9 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
5
0 | |
| ANIMAL ID | 3 | |
| AZT 120 6 mo F | | * TOTALS |

MUSCULOSKELETAL SYSTEM

| | | |
|-----------------|---|----|
| Bone, Femur | + | 26 |
| Skeletal Muscle | + | 26 |

NERVOUS SYSTEM

| | | |
|-------------------|---|----|
| Brain, Brain Stem | + | 26 |
| Brain, Cerebellum | + | 26 |
| Brain, Cerebrum | + | 26 |

RESPIRATORY SYSTEM

| | | |
|---|---|-------|
| Lung | + | 26 |
| Inflammation, Chronic Active | | 1 2.0 |
| Mediastinum, Inflammation, Chronic Active | | 1 2.0 |
| Mediastinum, Mineralization | | 1 4.0 |
| Nose | + | 26 |
| Trachea | + | 26 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

! .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | |
|--|------------------|----------|
| DAY ON TEST | 0
2
2
9 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
5
0 | |
| ANIMAL ID | 3 | |
| AZT 120 6 mo F | | * TOTALS |

SPECIAL SENSES SYSTEM

| | | |
|-----------------|---|----|
| Eye | + | 26 |
| Harderian Gland | + | 26 |

URINARY SYSTEM

| | | | |
|--|---|----|-------|
| Kidney
Infiltration Cellular, Lymphocyte | + | 26 | 3 1.0 |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | 26 | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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TDMS No. 20310 - 01

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First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | |
| | 8 | 5 | 5 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Vehicle 9 mo F | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 0 | 8 | 9 | 9 | 9 | 3 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 0 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 3 | 4 | 5 | | |
| | 9 | 9 | 0 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 0 | 6 | 7 | 8 | 0 | 4 | 1 | 6 | 3 | 8 | 9 | 0 | 8 | 0 | 2 | | |

**females
(cont...)**

ALIMENTARY SYSTEM

Esophagus

+ +

Gallbladder

+ + + + + + + + + + + + + + + + A + + + + + + + + + +

Intestine Large, Cecum
Hyperplasia, Lymphoid

+ + + + + + + + + + + + + + + + A + + + + + + + + + +

Intestine Large, Colon

+ +

Intestine Large, Rectum

+ +

Intestine Small, Duodenum

+ +

Intestine Small, Ileum

+ +

Intestine Small, Jejunum

+ +

Liver
Tension Lipidosis
Vacuolization Cytoplasmic

+ +

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2

Mesentery
Hemorrhage+
3

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | |
| | 8 | 5 | 5 | 3 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vehicle 9 mo F | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 8 |
| | 8 | 5 | 5 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 | 3 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle 9 mo F | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 0 | 8 | 9 | 9 | 9 | 3 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 0 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 3 | 4 | 5 | 5 | 5 |
| | 9 | 9 | 0 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 0 | 6 | 7 | 8 | 0 | 4 | 1 | 6 | 3 | 8 | 9 | 0 | 8 | 0 | 2 | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**females
(cont...)**

Pituitary Gland

+ +

Thyroid Gland
Degeneration

+ M + + + + + + + + + + + + + +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + M +

Ovary

+ +

Uterus

+ +

Infiltration Cellular, Polymorphonuclear
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation1 2 1
1 1 2 2 1
1 1 1 1 1 1 1 1

2

Vagina

M +

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 |
| | 8 | 5 | 5 | 3 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle 9 mo F | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 0 | 8 | 9 | 9 | 9 | 3 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 0 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 3 | 4 | 5 | 5 |
| | 9 | 9 | 0 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 0 | 6 | 7 | 8 | 0 | 4 | 1 | 6 | 3 | 8 | 9 | 0 | 8 | 0 | 2 | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | 1 | | | | 2 | 2 | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | 3 | | | | | 2 | | 2 | | | | | | | | 4 | | 3 | | | | | | 2 | |
| Hyperplasia, Lymphoid | | | | | | 2 | | 2 | | | | | | | | | | 2 | | 2 | | | | | | |
| Thymus | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 2 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 8 |
| | 8 | 5 | 5 | 5 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle 9 mo F | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Cyst | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

Brain, Brain Stem

+ +

Brain, Cerebellum

+ +

Brain, Cerebrum

+ +

Peripheral Nerve
Axon, Degeneration

+ +

Spinal Cord
Axon, Degeneration

+ +

RESPIRATORY SYSTEM

Lung

+ +

Nose

+ +

Trachea

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 8 |
| | 8 | 5 | 5 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle 9 mo F | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| | 0 | 8 | 9 | 9 | 9 | 3 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 0 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 3 | 4 |
| | 9 | 9 | 0 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 0 | 6 | 7 | 8 | 0 | 4 | 1 | 6 | 3 | 8 | 9 | 0 | 8 | 0 |

females
(cont...)

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | |
| Cataract | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Casts Protein | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | | | | 2 | | | | 1 | | | 1 | | | 1 | | 1 | | 1 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | 1 | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0
3
3
6 | |
|--|------------------|----------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6 | |
| Vehicle 9 mo F | 3
2 | * TOTALS |

ALIMENTARY SYSTEM

| | | |
|---|---|----------------------|
| Esophagus | + | 26 |
| Gallbladder | + | 25 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 25
2 2.5 |
| Intestine Large, Colon | + | 26 |
| Intestine Large, Rectum | + | 25 |
| Intestine Small, Duodenum | + | 26 |
| Intestine Small, Ileum | + | 25 |
| Intestine Small, Jejunum | + | 25 |
| Liver
Tension Lipidosis
Vacuolization Cytoplasmic | + | 26
3 1.0
6 1.2 |
| Mesentery
Hemorrhage | | 1
1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

! .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 20310 - 01
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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | ANIMAL ID | | |
|--|-----------------------------|---|-----------|
| | | 0 | 3 |
| 0 | C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | |
| 3 | MICE FEMALE | 0 | |
| 3 | Vehicle 9 mo F | 6 | |
| 6 | | 3 | |
| | | 2 | |
| | | | * TOTALS |
| Pancreas | + | | 26 |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | 2 | 26 15 1.2 |
| Stomach, Forestomach | + | | 26 |
| Stomach, Glandular | + | | 25 |

CARDIOVASCULAR SYSTEM

| | | |
|---------------------------------------|---|----------|
| Blood Vessel | + | 26 |
| Heart
Inflammation, Chronic Active | + | 26 1 1.0 |

ENDOCRINE SYSTEM

| | | |
|--|---|-----------|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | 26 25 1.0 |
| Adrenal Medulla | + | 25 |
| Islets, Pancreatic | + | 26 |
| Parathyroid Gland | + | 21 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20310 - 01
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| DAY ON TEST | 0
3
3
6 | |
|--|------------------|----------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
3 | |
| Vehicle 9 mo F | 2 | * TOTALS |

| | | |
|-------------------------------|---|-------------|
| Pituitary Gland | + | 26 |
| Thyroid Gland
Degeneration | + | 25
1 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | |
|---|---|--------------------------------|
| Clitoral Gland | + | 25 |
| Ovary | + | 26 |
| Uterus
Infiltration Cellular, Polymorphonuclear
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + | 26
1 2.0
3 1.3
10 1.2 |
| Vagina | + | 25 |

HEMATOPOIETIC SYSTEM

| | | |
|-------------|---|----|
| Bone Marrow | + | 26 |
|-------------|---|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Lab: NCTR

| DAY ON TEST | 0
3
3
6 | |
|--|------------------|----------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
3 | |
| Vehicle 9 mo F | 2 | * TOTALS |

| | |
|---|----------------------|
| Lymph Node
Lumbar, Hyperplasia, Lymphoid | 1
1 2.0 |
| Lymph Node, Mandibular | 26 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | 26
8 1.4 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | 26
5 2.8
4 2.0 |
| Thymus
Hyperplasia, Lymphoid | 24
3 2.0 |

INTEGUMENTARY SYSTEM

| | |
|---------------|----|
| Mammary Gland | 25 |
| Skin | 26 |

MUSCULOSKELETAL SYSTEM

| | |
|-------------|----|
| Bone, Femur | 26 |
|-------------|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0
3
3
6 | |
|--|-----------------------|----------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
3
2 | |
| Vehicle 9 mo F | | * TOTALS |
| Skeletal Muscle | + | 26 |
| Atrophy | | 2 2.0 |
| Cyst | | 1 4.0 |

NERVOUS SYSTEM

| | | |
|--|---|-------|
| Brain, Brain Stem | + | 26 |
| Brain, Cerebellum | + | 26 |
| Brain, Cerebrum | + | 26 |
| Peripheral Nerve
Axon, Degeneration | | 2 2.5 |
| Spinal Cord
Axon, Degeneration | | 1 2.0 |

RESPIRATORY SYSTEM

| | | |
|---------|---|----|
| Lung | + | 26 |
| Nose | + | 26 |
| Trachea | + | 26 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | | |
|--|-------------|-----------------------|----------|
| | DAY ON TEST | 0
3
3
6 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
6
3
2 | |
| Vehicle 9 mo F | | | * TOTALS |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------|---|----|-------|
| Eye
Cataract | + | 25 | 1 1.0 |
| Harderian Gland | + | 26 | |

URINARY SYSTEM

| | | | |
|--|---|----|-------|
| Kidney | + | 26 | |
| Casts Protein | | 1 | 1 1.0 |
| Cyst | | 1 | 1 1.0 |
| Infiltration Cellular, Lymphocyte | 1 | 9 | 1 1.1 |
| Mineralization | | 1 | 1 1.0 |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | 26 | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT 40 9 mo F | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 |

females
(cont...)**ALIMENTARY SYSTEM**

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adventitia, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | 1 |
| Vacuolization Cytoplasmic | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20310 - 01

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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| AZT 40 9 mo F | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | | 1 | | | | | | 1 | 2 | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bacterium | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Pericardium, Necrosis | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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M .. Missing tissue

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BLANK .. Not examined microscopically

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TDMS No. 20310 - 01

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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
AZT 40 9 mo F | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland Cyst | | + | + | + | + | + | + | + | + | M | M | M | + | + | + | + | M | M | + | + | + | + | + | + | + | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland Cyst | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration Ectopic Thymus | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| females (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

| | |
|------------|---|
| Tissue NOS | + |
|------------|---|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ovary Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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M .. Missing tissue

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BLANK .. Not examined microscopically

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First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT 40 9 mo F | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 |

**females
(cont...)**

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | + | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia, Lymphoid | | 2 | | 3 | | 1 | 1 | 2 | | M | | + | + | + | + | + | + | + | + | + | + | 2 | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hematopoietic Cell Proliferation | | | | | 2 | | | 2 | | 2 | | 2 | | 2 | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | 3 | | 2 | 2 | | | | | | | | | | | | 2 | | 2 | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | | |
| Bacterium | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | 2 | | 2 | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

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Lab: NCTR

| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 6 | 3 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT 40 9 mo F | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

MUSCULOSKELETAL SYSTEM

| | |
|-----------------|---|
| Bone | + |
| Bone, Femur | + |
| Skeletal Muscle | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem
Gliosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Infiltration Cellular, Lymphocyte
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Bacterium | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 |
| AZT 40 9 mo F | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 |
| Mediastinum, Foreign Body | | | | | | | | | | | | | | | | | X | | | | | | | |
| Mediastinum, Necrosis | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Metaplasia, Osseous | | | | | | 1 | | | | | | | | | | | | | | | | | 2 | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | 1 | | | | | | | | | | | | | | | 1 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 2 | |
| | 5 | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 40 9 mo F | 5 | 7 | |
| | 0 | 3 | * TOTALS |

ALIMENTARY SYSTEM

| | | | | |
|------------------------------|---|---|----|-------|
| Esophagus | + | + | 27 | |
| Adventitia, Necrosis | | | | 1 2.0 |
| Gallbladder | + | + | 26 | |
| Intestine Large, Cecum | + | + | 27 | |
| Hyperplasia, Lymphoid | | | | 2 2.0 |
| Intestine Large, Colon | + | + | 26 | |
| Intestine Large, Rectum | + | + | 27 | |
| Hyperplasia, Lymphoid | | | | 1 2.0 |
| Intestine Small, Duodenum | + | + | 27 | |
| Intestine Small, Ileum | + | + | 27 | |
| Intestine Small, Jejunum | + | + | 27 | |
| Liver | + | + | 27 | |
| Inflammation, Chronic Active | | | | 2 1.0 |
| Tension Lipidosis | | | | 5 1.6 |
| Vacuolization Cytoplasmic | | | | 4 1.0 |
| | 2 | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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First Dose M/F: NA / 11/18/04
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| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 2 | |
| | 5 | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 40 9 mo F | 5 | 7 | |
| | 0 | 3 | * TOTALS |

| | | | |
|-----------------------------------|---|---|--------|
| Pancreas | + | + | 27 |
| | | | |
| Salivary Glands | + | + | 27 |
| Infiltration Cellular, Lymphocyte | | 1 | 14 1.1 |
| | | | |
| Stomach, Forestomach | + | + | 27 |
| | | | |
| Stomach, Glandular | + | + | 27 |
| | | | |

CARDIOVASCULAR SYSTEM

| | | | |
|-----------------------|---|---|-------|
| Blood Vessel | + | + | 27 |
| | | | |
| Heart | + | + | 27 |
| Bacterium | | | 1 |
| Pericardium, Necrosis | | | 1 2.0 |
| | | | |

ENDOCRINE SYSTEM

| | | | |
|--------------------------|---|---|--------|
| Adrenal Cortex | + | + | 27 |
| Subcapsular, Hyperplasia | 1 | 1 | 25 1.2 |
| | | | |
| Adrenal Medulla | + | + | 27 |
| | | | |
| Islets, Pancreatic | + | + | 27 |
| | | | |

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TDMS No. 20310 - 01
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Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|----------|
| | 3 | 3 | |
| | 3 | 2 | |
| | 5 | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 40 9 mo F | 5 | 7 | |
| | 0 | 3 | * TOTALS |
| Parathyroid Gland | + | + | 22 |
| Cyst | | | 1 1.0 |
| | | | |
| Pituitary Gland | + | + | 27 |
| | | | |
| Thyroid Gland | + | + | 27 |
| Cyst | | | 1 1.0 |
| Degeneration | | | 2 1.0 |
| Ectopic Thymus | | | 2 |
| | | | |
| GENERAL BODY SYSTEM | | | |
| Tissue NOS | | | 1 |
| | | | |
| GENITAL SYSTEM | | | |
| Clitoral Gland | + | + | 26 |
| | | | |
| Ovary | + | + | 27 |
| Cyst | 1 | | 1 1.0 |
| | | | |
| Uterus | + | + | 27 |
| Infiltration Cellular, Polymorphonuclear | | | 3 2.3 |
| Endometrium, Hyperplasia, Cystic | | | 4 2.0 |
| Lumen, Dilatation | 1 | | 12 1.3 |
| | | | |
| Vagina | + | + | 27 |
| | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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M .. Missing tissue

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First Dose M/F: NA / 11/18/04
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| | | | |
|-----------------------------|-------------|-----|----------|
| | | 0 0 | |
| | DAY ON TEST | 3 3 | |
| | | 3 2 | |
| | | 5 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 0 | |
| MICE FEMALE | | 0 0 | |
| | ANIMAL ID | 5 6 | |
| AZT 40 9 mo F | | 5 7 | |
| | | 0 3 | * TOTALS |

HEMATOPOIETIC SYSTEM

| | | |
|----------------------------------|-----|-------|
| Bone Marrow | + + | 26 |
| Lymph Node | | 1 |
| Lymph Node, Mandibular | + + | 27 |
| Lymph Node, Mesenteric | + + | 26 |
| Hyperplasia, Lymphoid | | 6 1.8 |
| Spleen | + + | 26 |
| Hematopoietic Cell Proliferation | | 4 2.0 |
| Hyperplasia, Lymphoid | | 5 2.2 |
| Thymus | + + | 26 |
| Bacterium | | 1 |
| Foreign Body | | 1 |
| Hyperplasia, Lymphoid | | 2 2.0 |
| Necrosis | | 1 4.0 |

INTEGUMENTARY SYSTEM

| | | |
|-----------------------|-----|-------|
| Mammary Gland | + + | 26 |
| Alveolus, Hyperplasia | | 1 2.0 |
| | | |

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Test Type: 26-39 WEEKS
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Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 2 | |
| | 5 | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 40 9 mo F | 5 | 7 | |
| | 0 | 3 | |
| | | | * TOTALS |
| Skin | + | + | 27 |

MUSCULOSKELETAL SYSTEM

| | | |
|-----------------|---|---|
| Bone | | 1 |
| Bone, Femur | + | + |
| Skeletal Muscle | + | + |

NERVOUS SYSTEM

| | | | |
|-----------------------------------|---|---|-------|
| Brain, Brain Stem | + | + | 27 |
| Gliosis | | 3 | 1 3.0 |
| Brain, Cerebellum | + | + | 27 |
| Brain, Cerebrum | + | + | 27 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |
| Mineralization | | | 1 1.0 |

RESPIRATORY SYSTEM

| | | | |
|-----------|---|---|----|
| Lung | + | + | 27 |
| Bacterium | | | 1 |

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+ .. Tissue examined microscopically

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Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 2 | |
| | 5 | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 40 9 mo F | 5 | 7 | |
| | 0 | 3 | * TOTALS |
| Mediastinum, Foreign Body | | | 1 |
| Mediastinum, Necrosis | | | 1 3.0 |
| | | | |
| Nose | + | + | 27 |
| | | | |
| Trachea | + | + | 27 |
| | | | |
| SPECIAL SENSES SYSTEM | | | |
| Eye | + | + | 25 |
| | | | |
| Harderian Gland | + | + | 27 |
| | | | |
| URINARY SYSTEM | | | |
| Kidney | + | + | 27 |
| Casts Protein | | | 1 1.0 |
| Infiltration Cellular, Lymphocyte | | | 6 1.2 |
| Metaplasia, Osseous | | | 1 1.0 |
| | | | |
| Urinary Bladder | + | + | 27 |
| Infiltration Cellular, Lymphocyte | | 1 | 4 1.0 |
| | | | |

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Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| AZT 80 9 mo F | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 |
| | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | |

**females
(cont...)**

ALIMENTARY SYSTEM

Esophagus

+ +

Gallbladder

+ +

Intestine Large, Cecum
Hyperplasia, Lymphoid
Epithelium, Hyperplasia+ + + + + + + + + + + + + + + + + + + A A +
2 2

Intestine Large, Colon

+ +

Intestine Large, Rectum
Hyperplasia, Lymphoid+
3

Intestine Small, Duodenum

+ A A +

Intestine Small, Ileum

+ A A +

Intestine Small, Jejunum

+ A A +

Liver

+ +

Hematopoietic Cell Proliferation
Inflammation, Chronic Active
Necrosis
Tension Lipidosis
Vacuolization Cytoplasmic

1 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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First Dose M/F: NA / 11/18/04

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| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| AZT 80 9 mo F | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 | | | | |
| | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 | | | | |

| | |
|-----------------------------------|---|
| Mesentery | + |
| Fat, Necrosis | 3 |
| Pancreas | + |
| Infiltration Cellular, Lymphocyte | 1 |
| Acinar Cell, Degeneration | 1 |
| Salivary Glands | + |
| Infiltration Cellular, Lymphocyte | 1 |
| Stomach, Forestomach | + |
| Stomach, Glandular | + |
| | |

CARDIOVASCULAR SYSTEM

| | |
|------------------------------|---|
| Blood Vessel | + |
| Heart | + |
| Congestion | 3 |
| Inflammation, Chronic Active | 1 |
| | |

ENDOCRINE SYSTEM

| | |
|----------------|---|
| Adrenal Cortex | + |
| | |

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+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
AZT 80 9 mo F | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 | |
| | | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ..... |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ..... |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ..... |  | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| ..... |  | 9 | 9 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 | |
| ..... |  | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 | |
| | | females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| ..... |  | Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | |
| ..... |  | Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| ..... |  | Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| ..... |  | Parathyroid Gland | + | + | + | + | M | + | M | M | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | |
| ..... |  | Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| ..... |  | Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Polymorphonuclear | | | | | 2 | | | | | | | | | | | | | 2 | | | 2 | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | 2 | | | | | | | | | | | | 2 | | | 2 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| AZT 80 9 mo F | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 |
| | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 |
| Lumen, Dilatation | 3 | 2 | 1 | | 1 | 1 | 2 | 1 | | 1 | 2 | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 3 | + | A | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | A | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 1 | 4 | | |
| Thymus | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | 2 | | | | | | |

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

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I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| AZT 80 9 mo F | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 |
| | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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TDMS No. 20310 - 01

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Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| DAY ON TEST | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 | 5 | |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| AZT 80 9 mo F | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 | 5 | 6 | 3 | 2 | |
| | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | |
| Casts Protein | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | | 1 | | + | + | + | + | + | + | + | + | + | + | + | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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| | | | |
|------------------------------------|-------------|-------|-----------------|
| | DAY ON TEST | 0 0 | |
| | | 3 3 | |
| | | 3 1 | |
| | | 5 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 0 | |
| MICE FEMALE | | 0 0 | |
| AZT 80 9 mo F | ANIMAL ID | 5 6 | |
| | | 3 \| 0 | |
| | | 3 \| 9 | |
| | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | |
|----------------------------------|---|---|-------|
| Esophagus | + | + | 27 |
| Gallbladder | + | + | 27 |
| Intestine Large, Cecum | + | + | 25 |
| Hyperplasia, Lymphoid | | | 3 2.0 |
| Epithelium, Hyperplasia | | | 1 2.0 |
| Intestine Large, Colon | + | + | 27 |
| Intestine Large, Rectum | + | + | 27 |
| Hyperplasia, Lymphoid | | | 1 3.0 |
| Intestine Small, Duodenum | + | + | 25 |
| Intestine Small, Ileum | + | + | 25 |
| Intestine Small, Jejunum | + | + | 25 |
| Liver | + | + | 27 |
| Hematopoietic Cell Proliferation | | 1 | 1 1.0 |
| Inflammation, Chronic Active | | | 1 1.0 |
| Necrosis | | | 1 1.0 |
| Tension Lipidosis | | | 7 1.1 |
| Vacuolization Cytoplasmic | 2 | | 3 1.3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 80 9 mo F | 3 | 0 | |
| | 3 | 9 | |
| | | | * TOTALS |

| | | | |
|-----------------------------------|---|---|--------|
| Mesentery | | 1 | |
| Fat, Necrosis | | 1 | 3.0 |
| | | | |
| Pancreas | + | + | 27 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |
| Acinar Cell, Degeneration | | | 1 1.0 |
| | | | |
| Salivary Glands | + | M | 26 |
| Infiltration Cellular, Lymphocyte | 2 | | 10 1.3 |
| | | | |
| Stomach, Forestomach | + | + | 27 |
| | | | |
| Stomach, Glandular | + | + | 25 |

CARDIOVASCULAR SYSTEM

| | | | |
|------------------------------|---|---|-------|
| Blood Vessel | + | + | 27 |
| | | | |
| Heart | + | + | 27 |
| Congestion | | | 2 2.5 |
| Inflammation, Chronic Active | | | 1 1.0 |

ENDOCRINE SYSTEM

| | | | |
|----------------|---|---|----|
| Adrenal Cortex | + | + | 27 |
| | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

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First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | * TOTALS |
|--|---|---|----------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | |
| | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 3 | 0 | |
| AZT 80 9 mo F | 3 | 9 | |
| Subcapsular, Hyperplasia | 1 | 1 | 27 1.2 |
| Adrenal Medulla | + | + | 27 |
| Islets, Pancreatic | + | + | 27 |
| Parathyroid Gland | + | + | 22 |
| Pituitary Gland | + | + | 27 |
| Thyroid Gland | + | + | 27 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | |
|--|---|---|-------|
| Clitoral Gland | + | + | 26 |
| Ovary | + | + | 27 |
| Cyst | | | 1 2.0 |
| Bilateral, Cyst | | | 1 2.0 |
| Uterus | + | + | 27 |
| Infiltration Cellular, Polymorphonuclear | | | 3 2.0 |
| Endometrium, Hyperplasia, Cystic | | | 5 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 80 9 mo F | 3 | 0 | |
| | 3 | 9 | |
| | | | * TOTALS |

| | | |
|-------------------|---|--------|
| Lumen, Dilatation | | 14 1.6 |
| Vagina | + | + |

HEMATOPOIETIC SYSTEM

| | | | |
|----------------------------------|---|---|----------|
| Bone Marrow | + | + | |
| Myeloid Cell, Hyperplasia | | | 26 4 2.5 |
| Lymph Node | | | 0 |
| Lymph Node, Mandibular | + | M | |
| Hyperplasia, Lymphoid | | | 25 2 2.5 |
| Lymph Node, Mesenteric | + | + | |
| Hyperplasia, Lymphoid | | | 26 6 1.3 |
| Spleen | + | + | |
| Hematopoietic Cell Proliferation | | 4 | |
| Hyperplasia, Lymphoid | | | 27 5 3.0 |
| | | | 7 2.4 |
| Thymus | + | M | |
| Hyperplasia, Lymphoid | | | 23 3 2.0 |

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 80 9 mo F | 3 | 0 | |
| | 3 | 9 | |
| | | | * TOTALS |

Mammary Gland

+ + 27

Skin

+ + 27

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ + 27

Skeletal Muscle

+ + 27

NERVOUS SYSTEM

Brain, Brain Stem

+ + 27

Brain, Cerebellum

+ + 27

Brain, Cerebrum
Mineralization

+ + 27 4 1.0

RESPIRATORY SYSTEM

Lung

+ + 26

Nose

+ + 27

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|------------------------------------|---|---|-----------------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 3 | 0 | |
| AZT 80 9 mo F | 3 | 9 | |
| | | | * TOTALS |
| Trachea | + | + | 26 |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------|---|---|----|
| Eye | + | + | 26 |
| Harderian Gland | + | + | 27 |

URINARY SYSTEM

| | | | |
|-----------------------------------|---|---|-------|
| Kidney | + | + | 27 |
| Casts Protein | | 1 | 3 1.0 |
| Hydronephrosis | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | | 5 1.0 |
| Inflammation, Suppurative | | | 1 4.0 |
| Nephropathy | | | 1 4.0 |
| | | | |
| Ureter | | | 1 |
| Inflammation, Suppurative | | | 1 3.0 |
| Lumen, Dilatation | | | 1 2.0 |
| | | | |
| Urinary Bladder | + | + | 27 |
| Infiltration Cellular, Lymphocyte | | | 2 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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TDMS No. 20310 - 01

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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 0 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| AZT 120 9 mo F | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 | |
| | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 | |

females
(cont...)

ALIMENTARY SYSTEM

Esophagus

+ +

Gallbladder

+ + + + + + + + + + + + + + + + A + + + + + + + +

Intestine Large, Cecum
Hyperplasia, Lymphoid

+ + + + + + + + + + + + + + + + A + A + + + + + + + +

2 2

Intestine Large, Colon

+ + + + + + + + + + + + + + + + A + + + + + + + +

Intestine Large, Rectum

+ + + + + + + + + + + + + + + + A + + + + + + + +

Intestine Small, Duodenum

+ + + + + + + + + + + + + + + + A + + + + + + + +

Intestine Small, Ileum

+ + + + + + + + + + + + + + + + A + + + + + + + +

Intestine Small, Jejunum

+ + + + + + + + + + + + + + + + A + + + + + + + +

Liver

+ +

Basophilic Focus

2

Infiltration Cellular, Lymphocyte

1

Tension Lipidosis

1 1 1 1 1 1 1 1

Vacuolization Cytoplasmic

1 1 1 1 1 1 1 1

Mesentery

+

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20310 - 01

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Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
AZT 120 9 mo F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinar Cell, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | 4 | 2 | 4 | 2 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT 120 9 mo F | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Adrenal Medulla | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Islets, Pancreatic | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 | 5 | 6 | 7 | 8 |
| Parathyroid Gland | + | + | M | + | + | + | M | + | + | + | + | M | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Ectopic Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

| | |
|---------------------------|---|
| Tissue NOS | + |
| Mediastinum, Abscess | 4 |
| Mediastinum, Foreign Body | X |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary
Cyst
Pigmentation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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x .. Lesion present

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 30516-87-1

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Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | |
| AZT 120 9 mo F | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 | |
| | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 | |
| females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | 2 | 2 | 1 | | | | | 2 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | + | + | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | 2 | 2 | 2 | | | | | | | | | | | | | | | | | 1 | 2 | 1 | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | 4 | | 3 | | 2 | 3 | | 1 | | | | 2 | | 2 | | 2 | | 4 | | 4 | | 2 | | 2 | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

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TDMS No. 20310 - 01

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Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 0 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| AZT 120 9 mo F | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 2 | 5 |
| | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 | ..... |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 120 9 mo F | 5 | 7 | |
| | 5 | 4 | * TOTALS |

ALIMENTARY SYSTEM

| | | | |
|---|---|---|--------|
| Esophagus | + | + | 27 |
| Gallbladder | + | A | 25 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | A | 24 |
| | | | 2 2.0 |
| Intestine Large, Colon | + | A | 25 |
| Intestine Large, Rectum | + | A | 25 |
| Intestine Small, Duodenum | + | A | 25 |
| Intestine Small, Ileum | + | A | 25 |
| Intestine Small, Jejunum | + | A | 25 |
| Liver | + | + | 27 |
| Basophilic Focus | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |
| Tension Lipidosis | 1 | | 4 1.0 |
| Vacuolization Cytoplasmic | | | 10 1.0 |
| Mesentery | | | 1 |

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+ .. Tissue examined microscopically

x .. Lesion present

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| DAY ON TEST | 0 | 0 | |
|------------------------------------|---|---|-----------------|
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 120 9 mo F | 5 | 7 | |
| | 5 | 4 | |
| | | | * TOTALS |
| Hemorrhage | | | 1 3.0 |
| Fat, Necrosis | | | 1 4.0 |
| | | | |
| Pancreas | + | A | 26 |
| Cytoplasmic Alteration | 1 | | 1 1.0 |
| Infiltration Cellular, Lymphocyte | | | 3 1.0 |
| Acinar Cell, Degeneration | | | 1 2.0 |
| | | | |
| Salivary Glands | + | + | 27 |
| Infiltration Cellular, Lymphocyte | 1 | | 10 1.0 |
| | | | |
| Stomach, Forestomach | + | + | 27 |
| | | | |
| Stomach, Glandular | + | A | 25 |

CARDIOVASCULAR SYSTEM

| | | | |
|------------------------------|---|---|-------|
| Blood Vessel | + | + | 27 |
| Heart | + | A | 26 |
| Inflammation, Chronic Active | | | 1 4.0 |

ENDOCRINE SYSTEM

| | | | |
|--------------------------|---|---|--------|
| Adrenal Cortex | + | + | 26 |
| Subcapsular, Hyperplasia | 1 | 2 | 24 1.2 |

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

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| DAY ON TEST | 0 | 0 | |
|------------------------------------|---|---|-----------------|
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 5 | 7 | |
| AZT 120 9 mo F | 5 | 4 | |
| | | | * TOTALS |
| Adrenal Medulla | + | + | 26 |
| Islets, Pancreatic | + | + | 27 |
| Parathyroid Gland | + | + | 22 |
| Pituitary Gland | + | + | 27 |
| Thyroid Gland
Ectopic Thymus | + | + | 26 |
| | | | 1 |

GENERAL BODY SYSTEM

| | |
|---------------------------|-------|
| Tissue NOS | 1 |
| Mediastinum, Abscess | 1 4.0 |
| Mediastinum, Foreign Body | 1 |

GENITAL SYSTEM

| | | | |
|--------------------------------|---|---|----------------|
| Clitoral Gland
Degeneration | + | + | 27 |
| | | | 1 3.0 |
| Ovary
Cyst
Pigmentation | + | + | 26 |
| | | | 1 2.0
1 2.0 |

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Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|-----------------|
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| | 5 | 6 | |
| | 5 | 7 | |
| AZT 120 9 mo F | 5 | 4 | |
| | | | * TOTALS |
| Uterus | + | + | 27 |
| Edema | | | 1 3.0 |
| Infiltration Cellular, Polymorphonuclear | | | 3 2.0 |
| Endometrium, Hyperplasia, Cystic | 1 | | 5 1.6 |
| Lumen, Dilatation | | | 8 1.3 |
| | | | |
| Vagina | + | A | 24 |

HEMATOPOIETIC SYSTEM

| | | | |
|----------------------------------|---|---|-------|
| Bone Marrow | + | + | 26 |
| Myeloid Cell, Hyperplasia | | | 1 2.0 |
| | | | |
| Lymph Node | + | | 3 |
| Lumbar, Hyperplasia, Lymphoid | | | 1 2.0 |
| | | | |
| Lymph Node, Mandibular | + | A | 26 |
| | | | |
| Lymph Node, Mesenteric | + | + | 27 |
| Hyperplasia, Lymphoid | | | 6 1.7 |
| | | | |
| Spleen | + | + | 27 |
| Hematopoietic Cell Proliferation | | | 8 3.0 |
| Hyperplasia, Lymphoid | | | 6 1.8 |
| | | | |
| Thymus | + | + | 27 |
| Hyperplasia, Lymphoid | | | 2 2.0 |
| Inflammation, Chronic Active | | | 1 3.0 |

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| | | | |
|-----------------------------|---|---|----------|
| DAY ON TEST | 0 | 0 | |
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
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| | 5 | 4 | * TOTALS |

INTEGUMENTARY SYSTEM

| | | | |
|---------------|---|---|----|
| Mammary Gland | + | + | 27 |
| Skin | + | + | 27 |

MUSCULOSKELETAL SYSTEM

| | | |
|-----------------|---|---|
| Bone | | 1 |
| Bone, Femur | + | + |
| Skeletal Muscle | + | + |

NERVOUS SYSTEM

| | | | |
|-------------------|---|---|-------|
| Brain, Brain Stem | + | + | 27 |
| Brain, Cerebellum | + | + | 27 |
| Brain, Cerebrum | + | + | 27 |
| Compression | | | 1 2.0 |
| Mineralization | | | 2 1.0 |

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| DAY ON TEST | 0 | 0 | |
|-----------------------------|---|---|----------|
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| ANIMAL ID | 5 | 6 | |
| AZT 120 9 mo F | 5 | 7 | |
| | 5 | 4 | * TOTALS |

RESPIRATORY SYSTEM

| | | | |
|------------------------------|---|---|-------|
| Lung | + | + | 27 |
| Abscess | | 4 | 1 4.0 |
| Foreign Body | | | 1 |
| Inflammation, Chronic Active | | | 1 3.0 |
| Necrosis | | | 1 2.0 |
| | | | |
| Nose | + | + | 27 |
| | | | |
| Trachea | + | + | 27 |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------|---|---|----|
| Eye | + | A | 24 |
| Harderian Gland | + | A | 25 |

URINARY SYSTEM

| | | | |
|-----------------------------------|---|---|-------|
| Kidney | + | + | 27 |
| Casts Protein | | | 2 1.0 |
| Cyst | | | 1 1.0 |
| Glomerulosclerosis | 3 | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | 4 1.0 |
| Nephropathy | 3 | | 1 3.0 |

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|-----------------------------------|-------|----------|
| | 3 | 2 |
| | 3 | 9 |
| | 2 | 2 |
| | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 |
| MICE FEMALE | 0 | 0 |
| ANIMAL ID | 5 | 6 |
| AZT 120 9 mo F | 5 | 7 |
| | 5 | 4 |
| | | * TOTALS |
| Urinary Bladder | + + | 26 |
| Infiltration Cellular, Lymphocyte | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 3 | 6 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle PND1-8 F | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 |
| | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 7 | 9 | |

females
(cont...)

ALIMENTARY SYSTEM

Esophagus

+ +

Gallbladder

+ + + + + + + + + + + + + + A + + + + + + + + + + + +

Intestine Large, Cecum
Hyperplasia, Lymphoid+ + + + + + + + + + + + + + A + + + + + + + + + + + +
2 2 2

Intestine Large, Colon

+ +

Intestine Large, Rectum

+ +

Intestine Small, Duodenum

+ +

Intestine Small, Ileum

+ +

Intestine Small, Jejunum

+ +

Liver
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Tension Lipidosis
Vacuolization Cytoplasmic+
1 1

Pancreas

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 3 | 6 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Vehicle PND1-8 F | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 7 | 9 | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE | ANIMAL ID | | | | | | | | | | | | | | | | | | | | females
(cont...) |
| Vehicl PND1-8 F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 1 | 2 | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | 2 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 2 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | | | | |

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 6 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 |
| Vehicl PND1-8 F | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 7 | 9 |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle PND1-8 F | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| ANIMAL ID | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 |
| | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 7 | 9 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | | | | | | | | | | | | | | 1 | 1 | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

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I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | | |
|--|-------------|-----------------------|----------|
| | DAY ON TEST | 0
3
3
5 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
6
5
4 | |
| Vehicl PND1-8 F | | | * TOTALS |

ALIMENTARY SYSTEM

| | | |
|---|---|-------------|
| Esophagus | + | 26 |
| Gallbladder | + | 25 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 25
3 2.0 |
| Intestine Large, Colon | + | 25 |
| Intestine Large, Rectum | + | 25 |
| Intestine Small, Duodenum | + | 25 |
| Intestine Small, Ileum | + | 25 |
| Intestine Small, Jejunum | + | 25 |
| Liver | + | 25 |
| Infiltration Cellular, Lymphocyte | | 2 1.0 |
| Inflammation, Chronic Active | | 2 1.0 |
| Tension Lipidosis | | 3 1.3 |
| Vacuolization Cytoplasmic | 1 | 12 1.0 |
| Pancreas | + | 26 |

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+ .. Tissue examined microscopically

x .. Lesion present

! .. Insufficient tissue

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
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Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0
3
3
5 | |
|--|------------------|----------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
5 | |
| Vehicl PND1-8 F | 4 | * TOTALS |

| | | |
|-----------------------------------|---|--------|
| Salivary Glands | + | 25 |
| Infiltration Cellular, Lymphocyte | 1 | 15 1.1 |
| Stomach, Forestomach | + | 25 |
| Stomach, Glandular | + | 25 |

CARDIOVASCULAR SYSTEM

| | | |
|--------------|---|----|
| Blood Vessel | + | 26 |
| Heart | + | 25 |

ENDOCRINE SYSTEM

| | | |
|--------------------------|---|--------|
| Adrenal Cortex | + | 26 |
| Subcapsular, Hyperplasia | | 23 1.2 |
| Adrenal Medulla | + | 26 |
| Islets, Pancreatic | + | 26 |
| Parathyroid Gland | + | 25 |

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Test Type: 26-39 WEEKS
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CAS Number: 30516-87-1

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Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0
3
3
5 | |
|--|-----------------------|----------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
5
4 | |
| Vehicl PND1-8 F | | * TOTALS |

Pituitary Gland

+

26

Thyroid Gland
Ectopic Thymus

+

26

2

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+

26

Ovary
Cyst

+

3

26

4 2.3

Uterus
Infiltration Cellular, Polymorphonuclear
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation

+

1

26

1 2.0

4 1.5

16 1.5

Vagina

+

26

HEMATOPOIETIC SYSTEM

Bone Marrow

+

25

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| Vehicl PND1-8 F | ANIMAL ID | DAY ON TEST | | * TOTALS |
|----------------------------------|-----------|-------------|---|----------|
| | | 0 | 3 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | | |
| MICE FEMALE | | 0 | | |
| | | 6 | | |
| | | 5 | | |
| | | 4 | | |
| Lymph Node, Mandibular | | + | | 25 |
| Lymph Node, Mesenteric | | + | | 25 |
| Hyperplasia, Lymphoid | | | | 4 1.5 |
| Spleen | | + | | 26 |
| Hematopoietic Cell Proliferation | | | | 2 3.0 |
| Hyperplasia, Lymphoid | | | | 6 2.3 |
| Thymus | | + | | 25 |
| Hyperplasia, Lymphoid | | | | 1 2.0 |

INTEGUMENTARY SYSTEM

| | | |
|---------------|---|----|
| Mammary Gland | + | 26 |
| Skin | + | 26 |

MUSCULOSKELETAL SYSTEM

| | | |
|-----------------|---|----|
| Bone, Femur | + | 26 |
| Skeletal Muscle | + | 26 |

NERVOUS SYSTEM

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+ .. Tissue examined microscopically

x .. Lesion present

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Lab: NCTR

| | | | |
|--|-------------|-----------------------|----------|
| | DAY ON TEST | 0
3
3
5 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
6
5
4 | |
| Vehicl PND1-8 F | | | * TOTALS |

| | | |
|-----------------------------------|---|-------------|
| Brain, Brain Stem | + | 26 |
| Brain, Cerebellum | + | 26 |
| Brain, Cerebrum
Mineralization | + | 26
2 1.0 |

RESPIRATORY SYSTEM

| | | |
|---------|---|----|
| Lung | + | 26 |
| Nose | + | 26 |
| Trachea | + | 26 |

SPECIAL SENSES SYSTEM

| | | |
|-----------------|---|----|
| Eye | + | 25 |
| Harderian Gland | + | 25 |

URINARY SYSTEM

| | | |
|--------|---|----|
| Kidney | + | 25 |
|--------|---|----|

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CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | ANIMAL ID | | | * TOTALS |
|-----------------------------------|-----------------------------|---|---|----------|
| | | 0 | 3 | |
| 0 | C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | | |
| 3 | MICE FEMALE | 0 | | |
| 3 | Vehicl PND1-8 F | 6 | | |
| 5 | | 5 | | |
| | | 4 | | |
| | | | | |
| | | | | |
| Infiltration Cellular, Lymphocyte | | 1 | | 9 1.1 |
| | | | | |
| Urinary Bladder | | + | | 25 |
| Infiltration Cellular, Lymphocyte | | | | 2 1.0 |
| Lumen, Dilatation | | | | 1 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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TDMS No. 20310 - 01

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1) Minimal 3) Moderate

1) Minimal 3) Moderate
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TDMS No. 20310 - 01

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CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

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First Dose M/F: NA / 11/18/04

Lab: NCTR

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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BLANK .. Not examined microscopically

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TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

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First Dose M/F: NA / 11/18/04

Lab: NCTR

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

X .. Essien present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| AZT 40 PND1-8 F | 9 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 |
| | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

First Dose M/F: NA / 11/18/04

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| ANIMAL ID | 9 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 |
| AZT 40 PND1-8 F | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 |

URINARY SYSTEM

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| | | | |
|--|-------------|-----------------------|----------|
| | DAY ON TEST | 0
3
3
6 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
6
6
7 | |
| AZT 40 PND1-8 F | | | * TOTALS |

ALIMENTARY SYSTEM

| | | |
|-----------------------------------|---|-------|
| Esophagus | + | 25 |
| Gallbladder | + | 26 |
| Intestine Large, Cecum | + | 26 |
| Intestine Large, Colon | + | 26 |
| Intestine Large, Rectum | + | 26 |
| Intestine Small, Duodenum | + | 26 |
| Intestine Small, Ileum | + | 26 |
| Intestine Small, Jejunum | + | 26 |
| Liver | + | 26 |
| Basophilic Focus | | 1 |
| Infiltration Cellular, Lymphocyte | | 1 1.0 |
| Tension Lipidosis | | 4 1.5 |
| Vacuolization Cytoplasmic | | 6 1.0 |
| Pancreas | + | 26 |

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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First Dose M/F: NA / 11/18/04
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| DAY ON TEST | 0
3
3
6 | |
|--|------------------|--------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
6 | |
| ANIMAL ID | 6
7 | * TOTALS |
| AZT 40 PND1-8 F | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | 26
12 1.2 |
| Stomach, Forestomach | + | 26 |
| Stomach, Glandular | + | 26 |
| CARDIOVASCULAR SYSTEM | | |
| Blood Vessel | + | 26 |
| Heart | + | 26 |
| ENDOCRINE SYSTEM | | |
| Adrenal Cortex
Subcapsular, Hyperplasia | + | 26
24 1.1 |
| Adrenal Medulla | + | 26 |
| Islets, Pancreatic | + | 26 |
| Parathyroid Gland | + | 24 |
| Pituitary Gland | + | 26 |

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TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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| DAY ON TEST | 0
3
3
6 | |
|---|------------------|------------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
6 | |
| ANIMAL ID | 6
6
7 | |
| AZT 40 PND1-8 F | | * TOTALS |
| Thyroid Gland
Degeneration
Ectopic Thymus | + | 26
1 1.0
1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | |
|---|---|-----------------------|
| Clitoral Gland | + | 25 |
| Ovary
Cyst | + | 26
1 2.0 |
| Uterus
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + | 26
3 1.7
13 1.2 |
| Vagina | + | 25 |

HEMATOPOIETIC SYSTEM

| | | |
|--|---|------------|
| Bone Marrow | + | 26 |
| Lymph Node
Renal, Hyperplasia, Lymphoid | | 2
1 1.0 |

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| DAY ON TEST | 0
3
3
6 | |
|---|------------------|----------------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
6 | |
| ANIMAL ID | 6
7 | |
| AZT 40 PND1-8 F | | * TOTALS |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | 25
1 1.0 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | 26
3 1.0 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | 26
2 2.0
6 2.2 |
| Thymus
Cyst, Multiple
Hyperplasia, Lymphoid | + | 25
1 4.0
3 1.3 |

INTEGUMENTARY SYSTEM

| | | |
|---------------|---|----|
| Mammary Gland | + | 26 |
| Skin | + | 26 |

MUSCULOSKELETAL SYSTEM

| | | |
|-----------------|---|----|
| Bone, Femur | + | 26 |
| Skeletal Muscle | + | 26 |

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3
3
6 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | ANIMAL ID | 0
0
6
6
7 | |
| AZT 40 PND1-8 F | | | * TOTALS |

NERVOUS SYSTEM

| | | |
|-----------------------------------|---|----|
| Brain, Brain Stem | + | 26 |
| Brain, Cerebellum | + | 26 |
| Brain, Cerebrum
Mineralization | + | 26 |

4 1.0

RESPIRATORY SYSTEM

| | | |
|-----------------------------------|---|-------|
| Lung | + | 26 |
| Infiltration Cellular, Lymphocyte | | 1 2.0 |
| Inflammation, Chronic Active | | 1 1.0 |
| Nose | + | 26 |
| Trachea | + | 26 |

SPECIAL SENSES SYSTEM

| | | |
|-----------------|---|----|
| Eye | + | 26 |
| Harderian Gland | + | 26 |

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| | | |
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3
3
6 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0
0
6
6 | |
| AZT 40 PND1-8 F | ANIMAL ID
7 | * TOTALS |

URINARY SYSTEM

| | | |
|--|---|-------------|
| Kidney
Infiltration Cellular, Lymphocyte | + | 26
5 1.0 |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | 26
3 1.0 |

*** END OF REPORT ***

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